

CENTRAL PNEUMATIC®
Professional
COIL SIDING NAILER

Model 92918

ASSEMBLY AND OPERATING INSTRUCTIONS



3491 Mission Oaks Blvd., Camarillo, CA 93011
Visit our Web site at <http://www.harborfreight.com>

**TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

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For technical questions and replacement parts, please call 1-800-444-3353.

Specifications

Item		Description
Fastener Length Capacity	Plastic Collated	1-3/4" to 2-1/2" Long
	Wire Collated	1-1/4" to 2-1/2" Long
Fastener Gauge		14-12 Gauge Nail Shanks .082"-.099" Diameter
Magazine Capacity		250-350 Nails
Operating PSI		70 to 125 PSI *
Air Consumption		12 CFM @ 90 PSI
Trigger Type		Single Sequential Safety Trip
Accessories		5 mm Hex Wrench, Pneumatic Tool Oil, Coil of 300 Nails Included, Carrying Case
Unit Weight		8.22 Pounds

*The air pressure setting must not exceed job site regulations/restrictions. The air pressure setting must not exceed 90 PSI when being used with work pieces that have a thickness of less than 1-3/4".

Save This Manual

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

Safety Warnings and Precautions



WARNING: When using tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

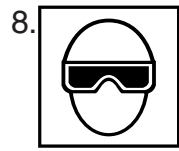
Read all instructions before using this tool!

- Keep work area clean.** Cluttered areas invite injuries.
- Observe work area conditions.** Do not use machines or power tools in damp or wet locations. Do not expose to rain. Keep work area well lit. Do not use electrically powered tools in the presence of flammable gases or liquids.
- Keep children away.** Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords, or air hoses.
- Store idle equipment.** When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
- Use the right tool for the job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this tool and do not use this tool for a purpose for which it was not intended.
- Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically nonconductive clothes and nonskid footwear

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are recommended when working. Wear restrictive hair covering to contain long hair.

7. **Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across running machines or air hoses.



8. **Use eye and ear protection.** Always wear ANSI approved impact safety goggles and appropriate hearing protection. Wear a full face shield if you are producing metal filings or wood chips. Wear an ANSI approved dust mask or respirator when working around metal, wood, and chemical dusts and mists. Other people in the work area must also wear ANSI approved impact safety goggles.

9. **Maintain tools with care.** Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords and air hoses periodically and, if damaged, have them repaired by an authorized technician. The handle must be kept clean, dry, and free from oil and grease at all times. Do not operate a tool if any portion of the tool's operating controls are inoperable, disconnected, altered or not working properly.
10. **Disconnect Air Hose and release any built-up air pressure.** Never service the Nailer, clear jams, or disassemble with the air hose attached. Always release any built-up air even after disconnecting hose. Disconnect the Nailer when not in use.
11. **Remove adjusting keys and wrenches.** Check that keys and adjusting wrenches are removed from the tool or machine work surface before attaching to an air source.
12. **Avoid unintentional starting.** Be sure the trigger is in the Off position when not in use and before plugging in. Do not carry any tool with your finger on the trigger, whether it is attached to an air source or not. Do not point the tool to wards yourself or anyone whether it contains fasteners or not.
13. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
14. **Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if the trigger does not operate properly.
15. **Replacement parts and accessories.** This product is to be repaired and serviced only by a qualified technician. When this product is serviced, only identical replacement parts should be used. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Harbor Freight Tools.

16. **Do not operate tool if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
17. **Use proper size and type extension cord.** If an extension cord is required for the air compressor, it must be of the proper size and type to supply the correct current to the compressor without heating up. Otherwise, the extension cord could melt and catch fire, or cause electrical damage to the tool. Check your air compressor's manual for the appropriate size cord. It is also possible that the use of an extension cord may cause your circuit breaker to trip or your panel fuse to break. If this happens, either use the compressor without an extension cord or find a larger amperage circuit to use.
18. **Maintenance.** The maintenance outlined in the maintenance section should be performed regularly. For your safety, this product should be serviced or repaired regularly only by a qualified technician.
19. **Compressed air only.** Never use combustible gas as a power source.
20.  **Do not load nails with the trigger or safety depressed.** Unintentional firing may occur. Do not load nails when the air hose is connected to the tool. Always assume the tool contains fasteners.
21. **Disconnect air supply before loading the Nailer.** Before reloading (or making any adjustments to) the Nailer, make sure the compressed air is disconnected.
22. **Fire fasteners into an appropriate work surface only.** Do not attempt to fire fasteners into surfaces too hard to penetrate. Do not drive fasteners on top of other fasteners, or at too steep an angle. Fasteners can ricochet causing personal injury. Never fire the Nailer into the air, or point it toward yourself or another person. Always wear ANSI approved safety goggles during use, maintenance, and reloading.
23. **Do not fire fasteners too close to the edge of a workpiece.** They may split the workpiece and fly free, causing personal injury.
24. **Take caution, as some woods contain preservatives such as copper chromium arsenate (CCA) which can be toxic.** When stapling or nailing these materials extra care should be taken to avoid inhalation and minimize skin contact.

WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contain chemicals known (to the State of California) to cause cancer, birth defects, or other reproductive harm.

Some examples of these chemicals are:

- * Lead from lead-based paints
- * Crystalline silica from bricks and cement and other masonry products
- * Arsenic and chromium from chemically treated lumber.

(California Health & Safety Code § 25249.5, et seq.)

25. **Stay within air pressure capacity.** Never operate the Nailer above 125 PSI.
26. **Hold tool away from head and body.** During operation the Nailer may kick back causing injury.
27. **Transport Nailer safely.** Always disconnect air supply when moving the tool in the workplace. Carry the tool by the handle to avoid contact with the trigger.
28. **Avoid working alone.** If an accident happens, an assistant can bring help.

Note: Performance of the compressor (if powered by line voltage) may vary depending on variations in local line voltage. Extension cord usage may also affect the tool performance.

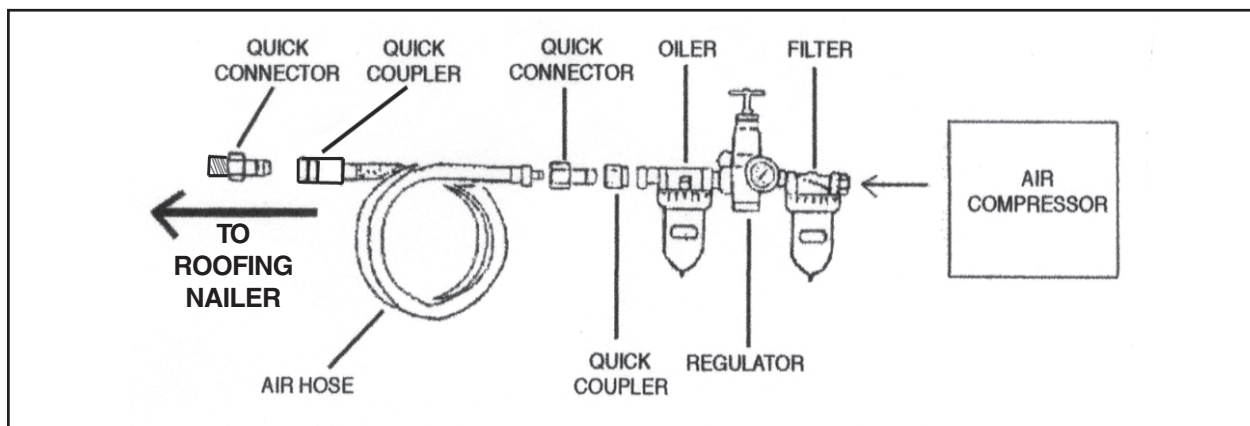
Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Unpacking

When unpacking, check to make sure all parts shown in the Parts List on page 13 are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual as soon as possible.

Operation

For best service, you should incorporate an oiler, regulator, and inline filter, as shown in the diagram below. Hoses, couplers, oilers, regulators, and filters are all available at Harbor Freight Tools.



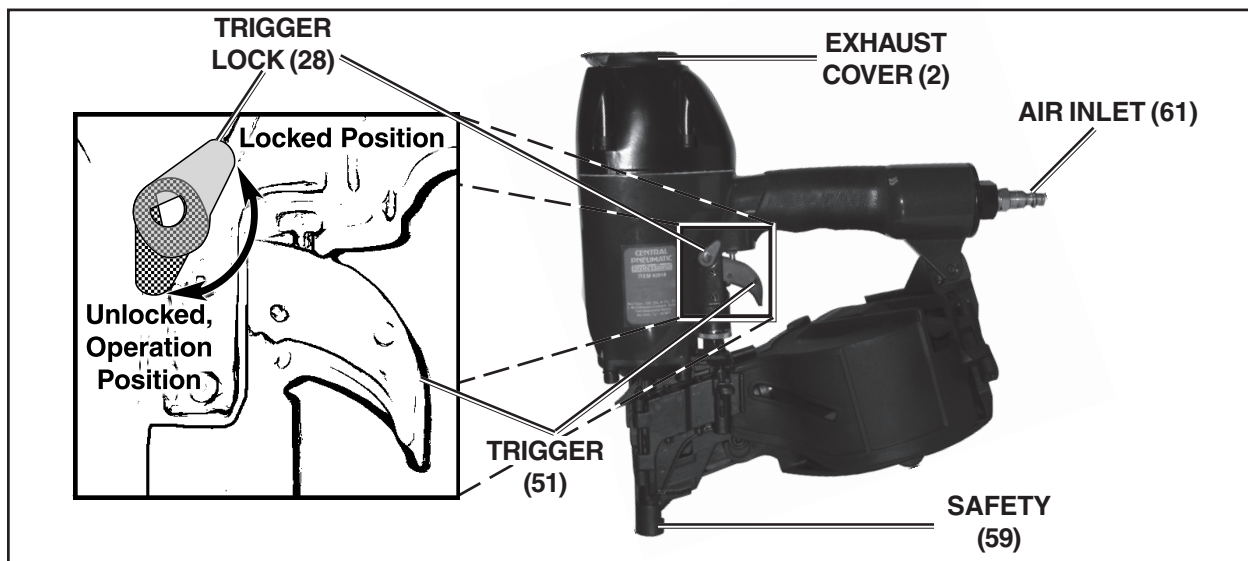
Note: To connect this tool, we recommend you use the included quick connector. For smoother operation and to extend the life-span of the tool, put 3-5 drops of pneumatic tool oil in the attached Air Inlet (61) before each use.

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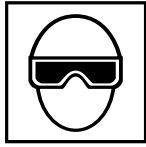
Testing the Single Sequential Safety Trip Mechanism

Warning: Even though the nailer should be empty during this procedure, ALWAYS point the nailer at a piece of scrap wood when testing.

1. Make sure the tool is disconnected from the air supply.
2. Completely empty the Nail Canister (100) of nails.
3. The Nailer should not fire if the Safety (59) is not depressed against the workpiece.
4. **Make sure that the Trigger (51) cannot move with the Trigger Lock (28) in the locked position.** Rotate the Lock (28) to the unlocked position, as shown below left. Make sure the Trigger (51) and Safety (59) move freely, without sticking.
5. Connect the air supply to the tool at the Air Inlet (61). Set the regulator at the recommended **70 PSI to 125 PSI**, and set not to go over the maximum 125 PSI.
6. Test the tool by depressing the Safety (59) against the workpiece without pulling the Trigger (51). **The Tool must not cycle (fire).** If it cycles (fires), stop immediately and have it repaired by a qualified service technician.
7. Hold the tool away or off of the workpiece. The Safety (59) of the tool should return to its original position. Squeeze the Trigger (51). **The tool should not cycle (fire).** If the tool fires, stop immediately and have it repaired by a qualified service technician.
8. Depress the Safety (59) against the workpiece and squeeze the Trigger (51). **The tool must cycle (fire) only once.** Release the Trigger, slide the Safety (59) of the tool over slightly, and squeeze the Trigger again. **The tool must cycle (fire) only once.** With the Trigger held, carefully lift the nailer and press it against the workpiece again. **The tool must not cycle (fire).** If it fails to perform in the manner explained in bold, have it repaired by a qualified service technician.



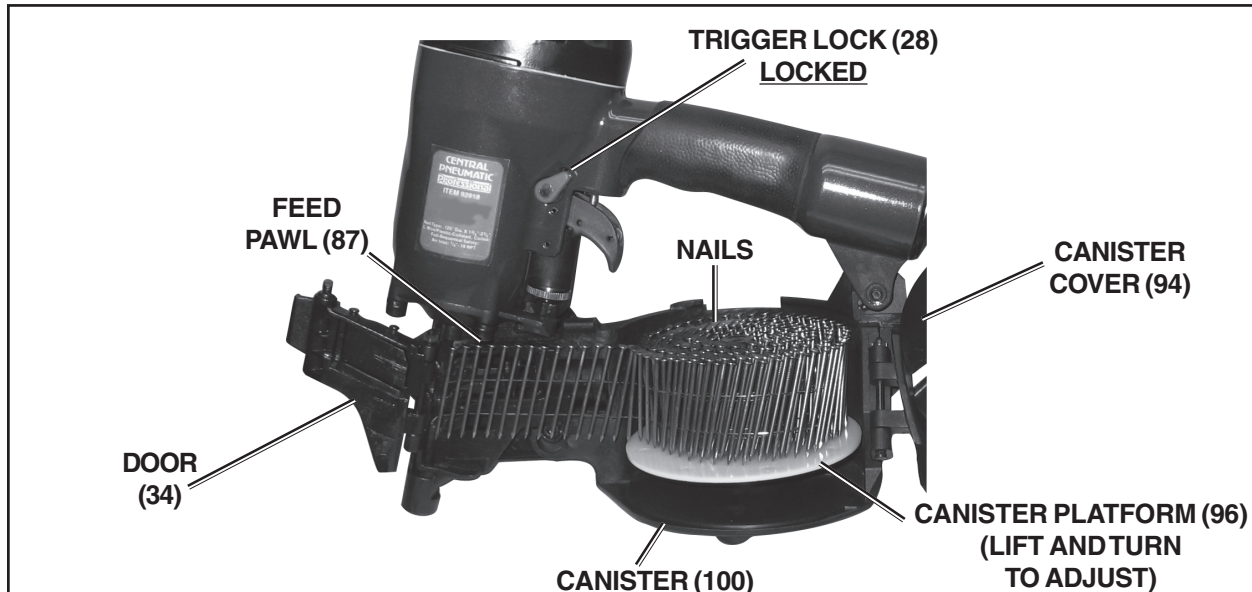
Loading Coil Nails



ALWAYS WEAR ANSI APPROVED IMPACT SAFETY GOGGLES WHEN RELOADING OR DOING ANY OTHER MAINTENANCE ON THIS TOOL. Other people in the work area must also wear ANSI approved impact safety goggles.

Warning! Make sure the Nailer is not attached to the air hose whenever loading it.

1. **Rotate the Trigger Lock (28) to the locked position, as shown on page 6 and below.** To open the Canister (100), press down on the Door Latch (32) and swing the Door (34) and Canister Cover (94) open.
2. Check the Canister Platform (96) inside the Canister (100). The Platform can be adjusted up and down to use various lengths of nails from 1 1/4"* to 2 1/2":
*To help prevent jamming, nails under 1 3/4" must be wire collated.
 - A. For 1 1/4" to 1 1/2" Long Nails: Use first (top) setting
 - B. For 1 5/8" to 1 3/4" Long Nails: Use second setting
 - C. For 2" to 2 1/4" Long Nails: Use third setting
 - D. For 2 3/8" to 2 1/2" Long Nails: Use fourth (bottom) setting
3. Place a coil of nails around the Canister Platform (96) in the Nail Canister (100).
4. Uncoil enough nails to reach the Feed Pawl (87). Place the *second* nail on the coil between the teeth of the Feed Pawl, making sure the nail head fits in the slot in the upper portion of the Feed Pawl.
5. Swing the Canister Cover (94) closed. Then, close the Door (34). Make sure the Door closes securely. If it does not engage, the nail head is not in the slot in the upper portion of the Feed Pawl (87).



Operating the Nailer

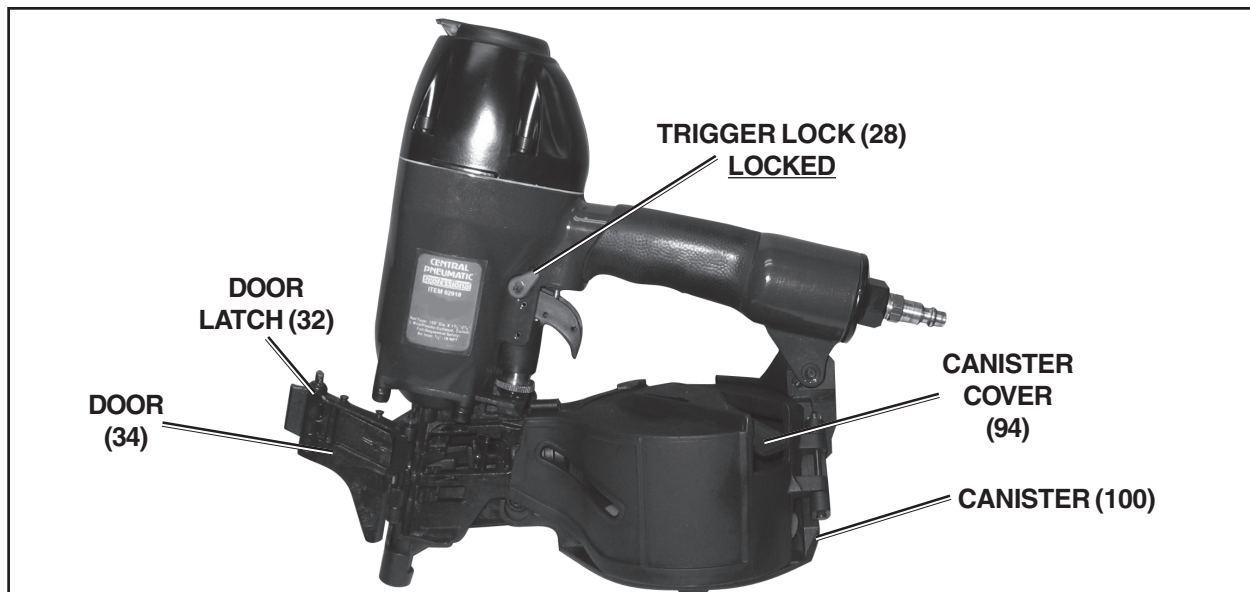
1. Attach the Nailer to the air supply at the Air Inlet (61). Start your compressor and check the pressure making sure it is set at the recommended 70-125 PSI and not to go over the maximum 125 PSI.
2. To fire, first rotate the Trigger Lock (28) to the unlocked position, as shown on page 6. Then, place the Safety (59) of the Nailer on the workpiece. The Nailer should not fire if the Safety (59) is not depressed. Once depressed, gently and briefly squeeze the Trigger (51) once. **Do not fire repeatedly.** Nails could bounce off one another, damaging the workpiece or causing PERSONAL INJURY.
3. If the nails are not being driven deeply enough or are being driven too deeply, then adjust the Depth Adjuster (56). It make take some practice and experience to get the desired results. If more depth adjustment is needed, the air supply pressure can be adjusted, but **ONLY within the recommended 70-125 PSI.**
4. The direction of the air exhaust can be changed by loosening the Exhaust Screw (1) in the center of the Exhaust Cover (2), rotating the Exhaust Cover to the desired direction and retightening the Exhaust Screw (1)
5. Do not press the Safety (59) of the Nailer against the work surface with extra force. Allow the tool to do the work. Always allow the tool to recoil off the workpiece.
6. When finished using the Nailer, always rotate the Trigger Lock (28) to the locked position and disconnect the tool from its compressed air supply. Empty the Nail Canister (100) completely of nails. Attempt to fire the Nailer into a piece of scrap wood to ensure it is disconnected and is incapable of firing any nails.
7. Make sure to store the Nailer in its Carrying Case and in a clean, dry, safe location out of reach of children.

Anytime any maintenance or repairs are done (including clearing jams), FIRST:

1. Disconnect the Nailer from the air hose.
2. Empty the Nail Canister (100) completely.
3. Attempt to fire the Nailer into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any nails.
4. Rotate the Trigger Lock (28) to its locked position as shown on page 6.

Clearing Jams

1. Occasionally a nail may become jammed in the firing mechanism of the Nailer, making the tool inoperable.
2. To remove a jammed nail, rotate the Trigger Lock (28) to the locked position and disconnect the Nailer from its compressed air supply. Empty the Nail Canister (100) completely of nails. Unlock the Trigger Lock and attempt to fire the Nailer into a piece of scrap wood to ensure it is disconnected and is incapable of firing any nails.
3. Relock the Trigger Lock (28) and use a pair of needle nose pliers (not included) to remove the jammed nail (usually from the Feed Pawl (87) area).
4. Unlock the Trigger Lock and press the Safety (59) against a piece of scrap wood.
5. Test fire the Nailer several times, checking for proper operation.
6. If the Nailer is properly firing, you can continue to use the Nailer. Rotate the Trigger Lock (28) to the locked position, disconnect the air supply to the Nailer, and reload the Nails. Then, reconnect the air supply, disengage the Trigger Lock (28), and continue working.
7. When finished working, rotate the Trigger Lock (28) to the locked position and disconnect the air supply. Remove the Nails. Then, store the Nailer and nails in a location out of children's reach.



Anytime any maintenance or repairs are done, FIRST:

1. Disconnect the Nailer from the air hose.
2. Empty the Nail Canister (100) completely.
3. Attempt to fire the Nailer into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any nails.
4. Rotate the Trigger Lock (28) to its locked position as shown on page 6.

Inspection, Maintenance, and Cleaning

1. Inspect the Nailer frequently and lubricate periodically with Pneumatic tool oil, then wipe dry. Do not use detergent oil or additives as these lubricants will cause accelerated wear to the internal seals.
2. Inspect the air supply filter, if present, before each use and clean or replace as necessary. Dirt and water in the air supply filter are major causes of pneumatic tool wear. Use a filter/oiler for better performance and longer tool life. The filter must have adequate flow capacity for the specific application.
3. Store the unit in a clean and dry location.
4. **All maintenance, service, or repairs not listed in this manual are only to be attempted only by a qualified technician.**

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST

Part	Description	Part	Description	Part	Description
1	Exhaust Screw	36	Spring	73*	Trigger Plunger
2	Exhaust Cover	37	O-ring	74*	O-ring
3	Screw	38	Spring	75*	Trigger Valve Cover
4	Washer	39	Pin	76	Retaining Ring
5	Cap	40	Spring	77	Piston
6	Gasket	41	Feed Pawl (b)	78	Piston Stopper
7	Ring	42	Small Feed Pawl	81	Spring
8	Head Cap	43	Screw	82	O-ring
9	Compression Spring	44	Split Washer	83	O-ring
10	Head Valve	45	Screw	84	Feed Piston
11	O-ring	46	Pin	85	Spring Guide
12	O-ring	47	Nose (Bottom Plate)	86	Spring
13#	Driver Nut	48	Trigger Lever	87	Feed Pawl (a)
14#	Washer	49	Pin	88	Pin Guide
15#	Piston Head	50	Pin	89	Spring
16#	O-ring	51	Trigger	90	Hook
17#	Driver	52	Sleeve	91	Pin
18	Cylinder Ring	54	Spring	92	Cover
19	Cylinder Ring	55	Tab	93	Nylon Insert Nut
20	Cylinder	56	Depth Adjuster	94	Canister Cover
21	O-ring	57	O-ring	95	Platform Cap
22	Cylinder Ring	58	Retaining Ring	96	Platform
23	O-ring	59	Safety	97	Washer
24	Cylinder Plate	61	Air Inlet	98	Screw
25	O-ring	62	End Cap	99	Pin
26	Bumper	63	Filter	100	Canister
27	Rubber Grip	64*	Spring	101	Platform Spring
28	Trigger Lock	65*	Trigger Valve	102	Receiver (b)
29	Spring	66*	O-ring	103	Safety Goggles (not shown)
30	Body	67*	O-ring	104	Hex Wrench (not shown)
31	Shaft	68*	Pin	105	Tool Oil (not shown)
32	Door Latch	69*	O-ring	A1	*Trigger Valve Assembly (parts 64-75)
33	Pin	70*	Valve Bushing		
34	Door	71*	O-ring	A2	#Driver Assembly (parts 13-17)
35	Pin Guide	72*	Trigger Valve Spring		

NOTE: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

ASSEMBLY DIAGRAM

